

Amendments to the Claims

This listing of claims replaces all prior versions, and listings, of claims in the application.

Listing of Claims

1. (Currently amended) A package for use in a peritoneal dialysis treatment, the package comprising:

a line set including a first tubular line element, a second tubular line element, and a junction connected between the first and second tubular line elements; and

a holding member configured to engage portions of the first and second tubular line elements

~~wherein~~ the first tubular line element ~~extends~~ extending in a first curved shape from a first connector at an outer periphery of the first curved shape to the junction;

~~wherein~~ the second tubular line element ~~extends~~ extending in a second curved shape from a second connector at an outer periphery of the second curved shape to the junction;

and

~~wherein~~ the junction ~~is~~ being disposed at an inner periphery of the first curved shape and an inner periphery of the second curved shape, such that no part of the line set extends across another part of the line set.

2. (Currently amended) A The package according to claim 1, wherein the holding member is arranged to organize an entirety of the ~~whole~~ line set at substantially ~~the~~ a same planar level.

3. (Currently amended) A The package according to claim 1, wherein the holding member is arranged to organize the line set such that no part of the first and second tubular line elements is in contact with another part of the first and second tubular line elements.

4. (Currently amended) A The package according to claim 1, wherein the first curved shape is a first spiral, the second curved shape is a second spiral that is substantially coaxial with the first spiral, and the junction is disposed at inner peripheries of the first and second spirals.

5. (Currently amended) A The package according to claim 1, wherein at least one of the first and second tubular line ~~element~~ elements is pre-shaped to extend along a desired path.

6. (Currently amended) A The package according to claim 1, wherein said holding member is configured to hold a portion of the first tubular line element in a predetermined position in relation to a portion of the second tubular line element.

7. (Currently amended) A The package according to claim 6, wherein the holding member is arranged to perform said holding in a detachable manner.

8. (Currently amended) A The package according to claim 7, wherein the holding member ~~comprises~~ includes a first elongated recess having a resilient jaw-shaped member for detachably holding said portion of the first tubular line element.

9. (Currently amended) A The package according to claim 6, wherein the holding member is configured to hold the portion of the first tubular line element and the portion of the second tubular line element in a predetermined position in relation to each other, such that the first and second tubular line elements are substantially parallel in ~~the~~ a vicinity of the holding member.

10. (Currently amended) A The package according to claim 7, wherein the holding member is configured ~~to be connected~~ for connection to the second connector, which is mounted to an end of the second tubular line element.

11. (Currently amended) A The package according to claim 10, wherein the holding member ~~comprises~~ includes a hole extending through the holding member for receiving said second connector.

12. (Currently amended) A The package according to claim 1, wherein the package ~~comprises~~ includes a drain bag and the line set is connected to said drain bag.

13. (Currently amended) A The package according to claim 1, wherein a material of construction of the first and second tubular line elements ~~are manufactured of~~ is PVC.

14. (Currently amended) A The package according to claim 12, wherein a material of construction of the drain bag is ~~manufactured of~~ a plastic material having a higher resistance ~~against~~ to heat than PVC.

15. (Currently amended) A The package according to claim 12, wherein the drain bag is foldable to form first and second folded parts, and wherein the line set is configured in the package between the first and second folded parts of the drain bag.

16. (Currently amended) A The package according to claim 15, wherein the holding member is arranged to detachably engage one of said first and second folded parts of the drain bag.

17. (Currently amended) A The package according to claim 16, wherein the holding member ~~comprises~~ includes a second recess

having a resilient jaw-shaped member including a protruding member for detachably engaging one of said first and second folded parts of the drain bag.

18. (Currently amended) A The package according to claim 12, wherein the line set is connected to the drain bag by the second connector positioned at an outer periphery of the line set.

19. (Currently amended) A The package according to claim 1, ~~wherein the package comprises~~ further comprising a solution bag, and wherein the line set is connected to the solution bag.

20. (Currently amended) A The package according to claim 19, wherein the drain bag is applied on the solution bag.

21. (Currently amended) A The package according to claim 19, wherein the line set is connected to the solution bag by the first connector configured at an outer periphery of the line set.

22. (Currently amended) A The package according to claim 19, wherein the solution bag is filled with a dialysis solution.

23. (Currently amended) A The package according to claim 1, wherein the line set ~~comprises~~ includes a third connector, said

third connector being connected to the junction and being connectable to a patient connector.

24. (Currently amended) A The package according to claim 23, wherein the third connector is disposed in a space at an inner periphery of the line set.

25. (Currently amended) A The package according to claim 1, wherein the junction is a flow organizer disposed between the first and second tubular line elements, ~~wherein~~ the flow organizer ~~does not load~~ loading on any part of the first and second tubular line elements.

26. (Currently amended) A The package according to claim 1, ~~wherein the package comprises~~ further comprising a wrapping for encasing the line set, a drain bag, a solution bag, and the holding member of the package.

27. (Currently amended) A method for manufacturing a package for use in a peritoneal dialysis treatment, ~~wherein~~ the package ~~includes~~ including a drain bag and a line set having a first tubular line element, a second tubular line element, a junction connected between the first and second tubular line elements, and a third tubular line element connected between the junction and a patient connector, the method comprising the steps of:

positioning the line set within the package such that no part of the line set extends across another part of the line set during a sterilization of the package; and

retaining the positioning of the line set by fixing a holding member to a portion of the first tubular line element, a portion of the second tubular line element, a portion of the third tubular line element, and the drain bag[[]],

~~wherein~~ the positioning of the line set and the fixing of the holding member ~~are~~ being configured to substantially eliminate damage to the package or line set by retaining the patient connector at an inner periphery of the line set and preventing any part of the line set from extending across another part of the line set.

28. (Currently amended) A The method according to claim 27, further ~~including the~~ comprising a step of organizing an entirety of the ~~whole~~ line set at substantially ~~the~~ a same level.

29. (Currently amended) A The method according to claim 27, further ~~including the~~ comprising a step of organizing the line set such that no part of the first and second tubular line elements is in contact with another part of the first and second tubular line elements.

30. (Currently amended) A The method according to claim 27, further ~~including the~~ comprising a step of organizing the line set in a spiral shaped state.

31. (Currently amended) A The method according to claim 27, wherein the holding member is configured to hold at least one portion of the first tubular line element parallel to a portion of the second tubular line element.

32. (Currently amended) A The method according to claim 27, further comprising ~~the steps~~ a step of folding the drain bag to form first and second folded parts and a step of positioning the line set between the first and second folded parts of the drain bag.

33. (Currently amended) A The method according to claim 32, wherein the package ~~comprises~~ includes a solution bag, and further ~~including the~~ comprising a step of applying the drain bag on the solution bag.

34. (Currently amended) A The method according to claim 27, further ~~including the~~ comprising a step of providing the package with a wrapping.

35. (Currently amended) A The method according to claim 27, further ~~including the~~ comprising a step of exposing the package for autoclave sterilization.

36-44. (Canceled)

45. (Withdrawn) A package for use in a peritoneal dialysis treatment, the package comprising:

a line set including a first tubular line element, a second tubular line element, a junction connected between the first and second tubular line elements, and a third tubular line element connected between the junction and a patient connector;

a drain bag;

a solution bag configured to store a dialysis solution; and

a holding member configured to engage portions of the first, second, and third tubular line elements, and a portion of the drain bag;

wherein the holding member is configured to engage a portion of the third tubular line element relative to the first and second tubular line elements, such that the patient connector is disposed at an inner periphery of the line set, and that no part of the line set extends across another part of the line set.

46. (Withdrawn) The package according to claim 45:

wherein the first tubular line element extends in a first curved shape from a first connector at an outer periphery of the first curved shape to the junction; and

wherein the second tubular line element extends in a second curved shape from a second connector at an outer periphery of the second curved shape to the junction.

47. (Withdrawn) A package for use in a peritoneal dialysis treatment, the package comprising:

a line set including a first tubular line element, a second tubular line element, a junction connected between the first and second tubular line elements, and a third tubular line element connected between the junction and a patient connector;

a drain bag; and

a holding member having a first recess for engaging portions of the first, second, and third tubular line elements, and a second recess for engaging a portion of the drain bag;

wherein the holding member is configured to engage a portion of the third tubular line element relative to the first and second tubular line elements, such that no part of the line set extends across part of the line set.

48. (Withdrawn) A package according to claim 47, wherein the holding member is arranged to organize the whole line set at substantially the same planar level.

49. (Withdrawn) A package according to claim 47, wherein the holding member is arranged to organize the line set such that no part of the first and second tubular line elements is in contact with another part of the first and second tubular line elements.

50. (Withdrawn) A package according to claim 47, wherein each of the first and second tubular line elements extends in a substantially spiral shape between a connector and the junction.

51. (Withdrawn) A package according to claim 47, wherein at least one tubular line element is pre-shaped to extend along a desired path.

52. (Withdrawn) A package according to claim 47, wherein the holding member is configured to engage portions of the first, second and third tubular line elements, and a portion of the drain bag in a detachable manner.

53. (Withdrawn) A package according to claim 47, wherein the first elongated recess of the holding member has a resilient jaw-shaped member for detachably holding said portion of the first tubular line element.

54. (Withdrawn) A package according to claim 47, wherein the holding member is configured to hold the portion of the first tubular line element and the portion of the second tubular line element, such that the first and second tubular line elements are substantially parallel in the vicinity of the holding member.

55. (Withdrawn) A package according to claim 47, wherein the holding member is configured to be connected to a second connector mounted to an end of the second tubular line element.

56. (Withdrawn) A package according to claim 55, wherein the second connector is positioned at an outer periphery of the line set.

57. (Withdrawn) A package according to claim 55, wherein the holding member comprises a hole extending through the holding member for receiving said second connector.

58. (Withdrawn) A package according to claim 47, wherein the first and second tubular line elements are manufactured of PVC.

59. (Withdrawn) A package according to claim 47, wherein the drain bag is manufactured of a plastic material having higher resistance against heat than PVC.

60. (Withdrawn) A package according to claim 47, wherein the second tubular line element is connected to the drain bag.

61. (Withdrawn) A package according to claim 47, wherein the drain bag is foldable to form first and second folded parts, and wherein the line set is disposed in the package between the first and second folded parts of the drain bag.

62. (Withdrawn) A package according to claim 61, wherein the second recess of the holding member is arranged to detachably engage one of said first and second folded parts of the drain bag.

63. (Withdrawn) A package according to claim 62, wherein the second recess of the holding member has a resilient jaw-shaped member including a protruding member for detachably engaging one of said first and second folded parts of the drain bag.

64. (Withdrawn) A package according to claim 47, wherein the package comprises a solution bag, and the line set is connected to the solution bag.

65. (Withdrawn) A package according to claim 64, wherein the drain bag is disposed on the solution bag.

66. (Withdrawn) A package according to claim 64, wherein the line set is connected to the solution bag by a first connector mounted at an end of the first tubular line element.

67. (Withdrawn) A package according to claim 64, wherein the solution bag is filled with a dialysis solution.

68. (Withdrawn) A package according to claim 47, wherein the line set comprises a third connector, said third connector being connected to the junction and connectable to a patient connector.

69. (Withdrawn) A package according to claim 68, wherein the third connector is disposed in a space at an inner periphery of the line set.

70. (Withdrawn) A package according to claim 47, wherein the junction is a flow organizer disposed between the first and second tubular line elements, wherein the flow organizer does not load on any part of the first and second tubular line elements.

71. (Withdrawn) A package according to claim 47, wherein the package comprises a wrapping for encasing the line set, the drain bag, the holding member, and a solution bag of the package.

72. (Withdrawn) A method for manufacturing a package for use in a peritoneal dialysis treatment, wherein the package includes a drain bag and a line set having a first tubular line element, a second tubular line element, a junction connected between the first and second tubular line elements, and a third tubular line element connected between the junction and a patient connector, the method comprising the steps of:

positioning the line set within the package such that no part of the line set extends across another part of the line set during sterilization of the package; and

retaining the positioning of the line set by fixing a holding member to the line set by engaging portions of the first, second and third tubular line elements with a first recess of the holding member, and engaging a portion of the drain bag with a second recess of the holding member;

wherein the holding member is configured to engage a portion of the third tubular line element relative to the first and second tubular line elements, such that no part of the line set extends across another part of the line set.